

***Amendments to the Claims:***

This listing of claims will replace all prior versions, and listings, of claims in the application:

***Listing of Claims:***

1-53. (canceled)

54. (Currently Amended) A method for preserving a biological material selected from the group consisting of cells, cell aggregates, tissue, organs, natural liposomes and synthetic liposomes, the method comprising:

- (a) adding a preservation solution to said biological material, the preservation solution comprising one or more polyphenols and dextran;
- (b) freeze drying the biological material; and
- (c) storing the biological material under appropriate storing conditions.

55. (Previously Presented) The method of claim 54, wherein the one or more polyphenols comprise one or more catechins.

56. (Previously Presented) The method of claim 55, wherein the one or more catechins are epigallocatechin gallate (EGCG) catechins.

57. (Previously Presented) The method of claim 54, wherein the one or more polyphenols are derived from green tea extract (GTE).

58. (Previously Presented) The method of claim 54, wherein the preservation solution does not comprise a significant amount of glycerol.

59. (Previously Presented) The method of claim 54, wherein the preservation solution does not comprise a significant amount of DMSO.

60-61. (Cancelled)

62. (Currently Amended) The method of claim 54, wherein the preservation solution further comprises trehalose.

63. (Previously Presented) The method of claim 54, wherein the preservation is cryopreservation, the preservation solution is a cryopreservation solution, and the freeze drying of step (b) is to a temperature below 0°C.

64-65. (Cancelled)

66. (Previously Presented) The method of claim 54, wherein the biological material comprises cells selected from the group consisting of red blood cells (RBC), white blood cells (WBC), mononuclear cells (MNC), umbilical cord blood cells (UCB), hematopoietic stem cells (HSC) and bacteria.

67-91. (Cancelled)

92. (Currently Amended) A method for preserving a biological material selected from the group consisting of cells, cell aggregates, tissue, organs, natural liposomes and synthetic liposomes, comprising:

- (a) adding a preservation solution to the biological material, the preservation solution comprising one or more polyphenols, dextran, and being free from any polyalcohol;
- (b) freeze drying the biological material; and
- (c) storing the biological material under appropriate storing conditions.

93. (Cancelled)

94. (Previously Presented) The method according to claim 54, wherein at least 30% of the biological material remains viable.

95. (Previously Presented) The method according to claim 54, wherein at least 50% of the biological material remains viable.

96. (Previously Presented) The method according to claim 54, wherein at least 75% of the biological material remains viable.

97. (Previously Presented) The method according to claim 92, wherein at least 30% of the biological material remains viable.

98. (Previously Presented) The method according to claim 92, wherein at least 50% of the biological material remains viable.

99. (Previously Presented) The method according to claim 92, wherein at least 75% of the biological material remains viable.